

## **Historic, Archive Document**

Do not assume content reflects current  
scientific knowledge, policies, or practices.



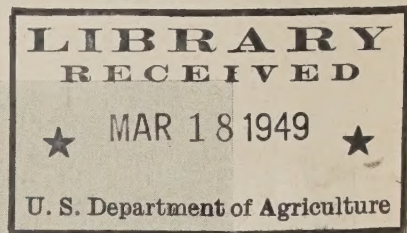


62.73

# MUSSER FORESTS, Inc.

Indiana, Pennsylvania

1949



- ★ Evergreen Seedlings and Transplants
- ★ Rhododendron and Azalea
- ★ Evergreen Hedges, Rose Hedges
- ★ Shade and Fruit Trees
- ★ Blueberries and Strawberries
- ★ Flowering Shrubs and Roses
- ★ Christmas Tree Growers' Guide

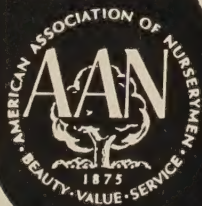


## Specimen SCOTCH PINE

Scotch Pine is grown from a number of different strains of seed.

Musser Seedlings and Transplants are grown from the finest strains of seed available.

MEMBER  
PENNSYLVANIA  
NURSERYMEN'S  
ASSOCIATION



MEMBER  
AMERICAN  
ASSOCIATION  
OF  
NURSERYMEN

**MUSSER TREES GROW**  
**It Pays To Plant The Best!**



# Re-Forest *with* Musser Trees



Fred Musser, developer of the proven Musser Culture for Tree Seedlings and Transplants, examines a fine specimen of American Red Pine on one of the Musser Christmas Tree Experimental Farms.

## Seedlings and Transplants Scientifically Produced Under Controlled Conditions

By FRED MUSSER

For a number of years our specialists have worked on the development of a perfectly balanced seedling tree — that is, a tree with healthier leaves, stronger stems, and, above all, a LARGER and STURDIER ROOT SYSTEM.

- 1 — By the selection of the finest seed obtainable.
- 2 — By the application of scientific methods of seed bed preparation — constant testing of soils, making use of all available knowledge in regard to soil texture and chemical composition.
- 3 — Constant inspection of all seedlings, studying the root development, color, height and growth. Every factor in the life of the tree is considered.

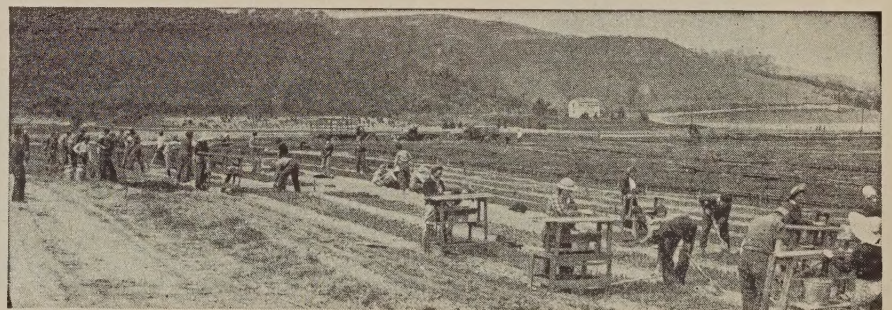
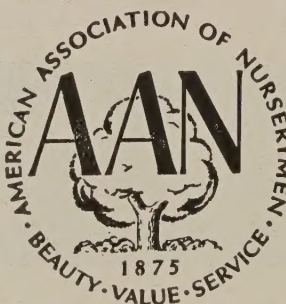
RESULTS — We can proudly offer to our customers a stronger, healthier tree with a root system that permits trees to be transplanted with a smaller percentage of loss.



Musser  
Nursery  
Number

1

The original Musser Nursery, which was used for production of both Seedlings and Transplants. It is now being converted to produce highest grade Semi-finished Ornamental Stock for the wholesale trade.



Transplanting — Thousands of Musser Seedlings are converted into Transplants each year. Careful, skilled attention is required.

*Musser  
Trees  
Grow!*





Musser  
Nursery  
Number

**2**

A section of Musser Nursery No. 2 developed for growing seedlings exclusively. This photograph shows about one-fifth the total area. This entire nursery is irrigated with a Skinner rotary-type sprinkler system.

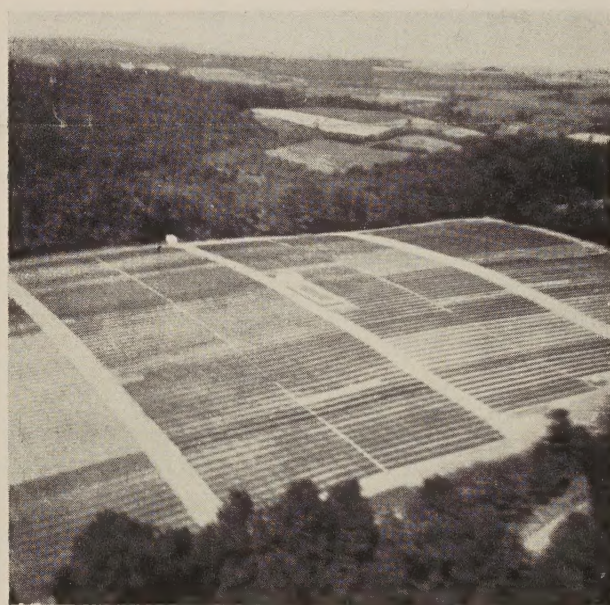


This nursery is used exclusively for development of Transplanted Stock. Section of transplant beds, showing 3-yr. Red Pine.

Musser  
Nursery  
Number

**3**

**20 Million Trees A Year!**



Aerial view showing parts of four of the five sections of Nursery No. 2 as shown above.

## IT PAYS . . . to Plant the Best

Two Year Seedlings at right show the startling results of Musser Culture. Trees marked (A) had scientifically controlled growing conditions. Trees characterized (B) were raised without benefit of Musser Culture. Note sturdy structure of (A) trees.



A

B

A

B

A

B



# Ornamentals

An infinite variety of effects can be achieved by combining species of evergreens.

Each of the two Hemlock hedges, shown in photo at right, was planted with transplant stock, in double rows 12 inches apart, the trees being 8 to 10 inches apart in each row. By annual shearing this hedge has been kept to a size of 18 inches for the past eight years, and can be kept the same height for a number of years to come.

Note trees to the right of the doorway. The low tree is a Spreading Japanese Yew. Immediately back of, and to the right, an Upright Yew is shown. The tall tree nearest the doorway is an American Arborvitae.



## Colorado Blue Spruce

Colorado Blue Spruce has long been regarded as one of the finest of ornamental trees. It is sturdy, symmetrical and compact in form, ranging in color from slightly blue-green to marvelous blue. It thrives in moist rich soil and prefers sunlight. Growth is slow. The blueness of these trees may be intensified by carefully working a thin layer of well rotted cow manure into the surface of the soil around the tree, and watering frequently. Care should be exercised in the use of this fertilizer.

While this species is primarily used in ornamental plantings, it offers the highest quality in a Christmas tree. Thus it is often advisable to include a quantity of Blue Spruce in a plantation for special premium trees. Shearing is recommended.



Colorado Blue Spruce

## Norway Spruce

Norway Spruce has short, shiny, dark green needles, thick foliage, and strong branches. It is one of the most widely used as an Ornamental, and an excellent tree for windbreaks, hedges, and shelters. They are also unexcelled for Christmas trees.

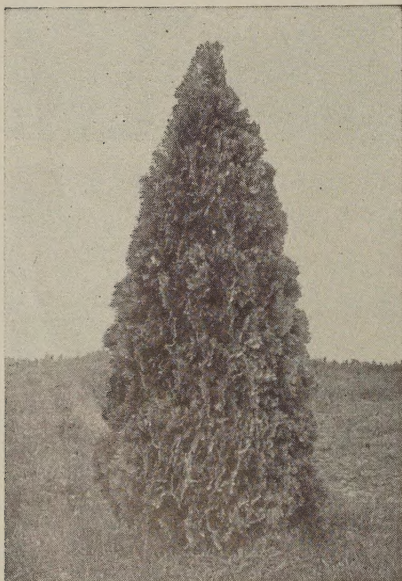


Norway Spruce

## EVERGREEN BEAUTY ALL THE YEAR 'ROUND

### Pyramidal Arborvitae

Columnar shaped tree, which has always proven very popular for all types of formal planting. Grows 15 to 20 ft. This tree requires rich, moist soil. Foliage is of rich, green color.



Pyramidal Arborvitae

*Musser  
Trees  
Grow!*

### American Arborvitae

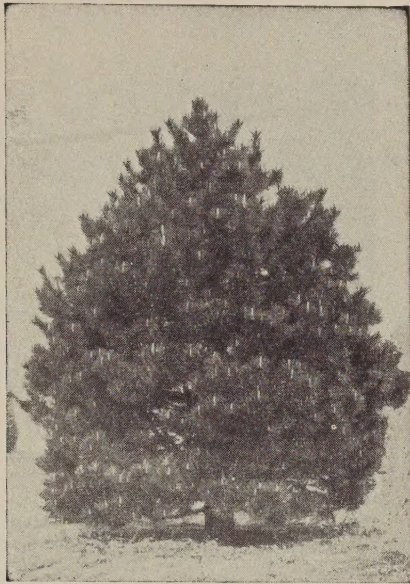
American Arborvitae is one of the most popular choices for home planting. Since trees may be pruned back to any height, this plant is excellent for hedges, windbreaks, mixed plantings, specimens.



American Arborvitae



## Austrian Pine



Stands out on account of its heavy, bushy form. An excellent tree for windbreaks, screens, and for single specimens. One of the most beautiful Christmas trees.

### ANY OF THE PINES

Can be developed into perfect specimen trees. By pruning they can be kept to a specified size and shape for many years.

## Japanese Yew

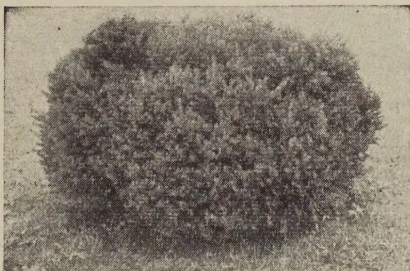
UPRIGHT



Deep rich green color. Grows in sun or shade. Used successfully where many ornamentals will not grow. Has a naturally beautiful cone shape.

## Japanese Yew

SPREADING

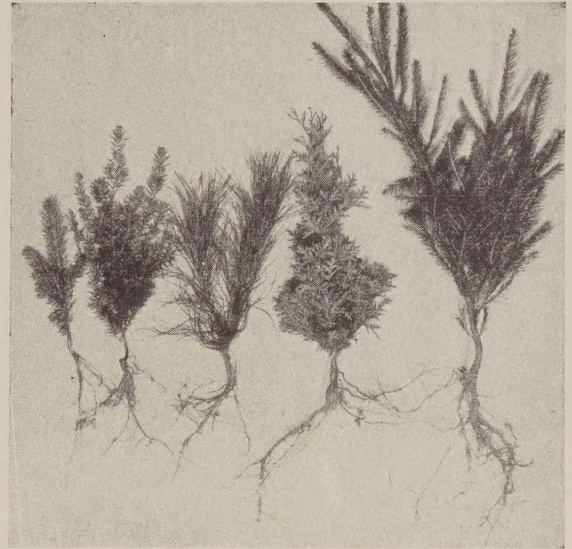


The characteristic spreading growth of this ornamental lends itself superbly to the development of masses of velvety dark green foliage. Grows in sun or shade, average soil.

## Save Money!

Use  
Musser  
Baby  
Evergreens  
to  
develop  
into  
valuable  
Specimen  
Ornamentals  
at  
low cost!

*Planting Stock With*  
**Well-Developed Root Systems**  
*Produce*  
**Strong, Sturdy Trees**



Left to right — 3-yr. Special Colorado Blue Spruce; 3-yr. Canadian Hemlock; 2-yr. Scotch Pine; 5-yr. American Arborvitae; 4-yr. Norway Spruce. SEE STOCK LIST ON PAGES 10, 11 AND 12.



Informal arrangement of Planted Evergreens. Handsome Douglas Fir in foreground. Far-seeing community leaders plan for shaded playgrounds and beautiful, cool parks.

## Mugho Pine



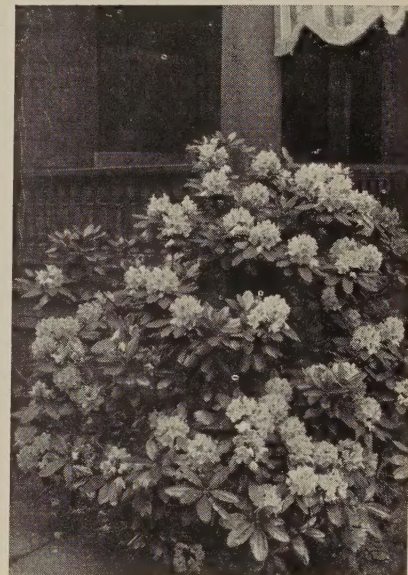
Dwarf, spreading, slow growing ornamental. Hardy everywhere except in wet soil. Requires sunlight. Good for individual specimens or for low, compact hedge.

## Pfitzer Juniper



Dwarf Spreading Ornamental; Requires Sun. One of the best known and most widely used. Very hardy. Will withstand adverse growing conditions.



Individual Flower  
←→  
Young PlantFull Grown Plant  
→**MAXIMUM**

Per 100 Per 1000

10 - 12 in. Seedlings ..... 35.00 250.00

(Single stem to lightly branched)

Collected Stock This Item Only — Shipped Express Collect

**CATAWBIENSE**

Differs from Maximum as follows: Lower growing, smaller leaves, deep shades of pink and rose, grows in sun or partial shade. May be ordered in lots of 10 at 100 rate — Shipped Express Collect.

Per 100 Per 1000

4 - 8 in. Transplants, 2-3 branches ..... 75.00

**HYBRID**

For full sun or partial shade. Similar to Maximum described above, except colors guaranteed as shown below.

**Hybrid Seedlings:**

6 - 10 in.—2-3 in. branches, red, from pots ..... 90.00

**Hybrid Grafted Transplants:**

This variety of Rhododendron PREFERS sunlight. Similar to Maximum described at left, but color of blooms varies from rich shell pink to DEEP RED. Shipped express collect.

Per 100 Per 1000

6 - 9 in.—Orchid ..... 160.00 1400.00

6 - 9 in.—Red and Pink ..... 160.00 1400.00

15 - 18 in.—6-yr. Four Times Trans., Orchid ..... 4.50 each  
(Well budded, ready to bloom)15 - 18 in.—6-yr. Four Times Trans., Red, Pink ..... 4.50 each  
(Well budded, ready to bloom)**MAXIMUM**

Hardy for full shade or partial shade. Large leaf, best foliage of any of the Rhododendrons. Bears large clusters of gorgeous flowers, shaded from white to shell pink, during late June and early July. Prefers partial shade and moist, acid soil. Cultivation is undesirable, as roots are shallow. A heavy mulch of vegetable humus is recommended. May be ordered in lots of 10 at 100 rate — Shipped Express Collect.

Per 100

6 - 10 in. Transplants, 1-3 branches ..... 75.00

8 - 12 in. Transplants, select, 3-5 branches ..... 95.00

12 - 18 in. Twice Trans., select, 3-6 bran. .... 125.00



Rose Hedge

**ROSE HEDGE**

(Rosa Multiflora) Thorny Type

[ A Winter Paradise  
for Wild Bird Life ]

A LIVING FENCE. A tall growing, very thorny shrub, like the wild rose. Very hardy even in poor soil. Grows 2 to 3 feet in a single season to an ultimate height of 6 to 8 feet. Ideal for use as living fence for farm use — keeps in cattle, horses, sheep and goats. Makes fast growing ground cover. Pinkish white blossoms literally cover plant in June. These are followed by profusion of large red berries which attract game birds such as grouse, pheasant, and partridge, as well as smaller birds. During winter its arching branches hold the snow and ice to provide protection which often means the difference between life and death to wild birds.

Subject to prior sale, for immediate acceptance we can offer ROSA MULTIFLORA JAPONICA, thorny type, conservation size 8-15 inches at \$12.00 per hundred or \$60.00 per thousand, F. O. B. Indiana, Pa., packing free. It is our policy to request a 50% deposit to hold stock order. This material is very scarce throughout the country and we expect to be sold out of our limited supply very shortly.



Pines, Spruce, Hemlock, Arborvitae, and Japanese Yew can be sheared and developed into beautiful lasting hedges. They can be kept to almost any height for years. Start with small plants and shear the new tender growth each year to desired form and height. Shearing is easy. Simple instructions with order acknowledgment. Shearing is done from June 15 to July 31.

### Spacing for Hedges or Windbreaks

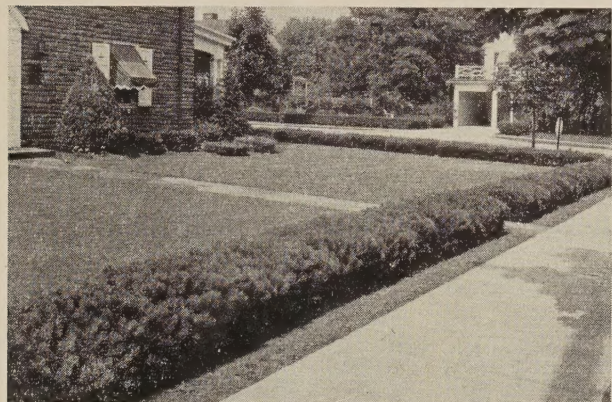
LOW Clipped Hedge, 8-10 in. apart. (For wider hedge, use double rows, 12 in. apart)

MEDIUM Hedge, 3 to 4 ft. high, plant 1 to 2 ft. apart

TALL Hedge, plant 3 to 5 ft. apart



Three Musers and Hemlock Hedge



Mugho Pine Hedge



Arborvitae Hedge with tall sheared White Pine in foreground

# Evergreen Hedges

All items marked (\*) can be bought in lots of 10 at the 100 rate and will be shipped Express Collect.

## WHITE PINE

			Per 100	Per 1000
4-yr. Transplants	(3-1)	4-8 in.	10.00	50.00
4-yr. Transplants	(2-2)	6-12 in.	12.00	60.00
*8-yr. Twice Transplants		12-18 in.	50.00	500.00

## RED PINE

3-yr. Transplants	(2-1)	3-6 in.	15.00	75.00
*8-yr. Twice Transplants		12-18 in.	50.00	500.00

## NORWAY SPRUCE

3-yr. Seedlings	(3-0)	6-12 in.	14.00	70.00
4-yr. Transplants	(2-2)	6-14 in.	20.00	200.00
5-yr. Transplants	(2-3)	10-18 in.	25.00	250.00
*5-yr. Transplants	(2-3)	12-24 in.	30.00	300.00

## CANADIAN HEMLOCK

4-yr. Transplants	(3-1)	6-12 in.	16.00	80.00
*6-yr. Transplants	(3-3)	7-14 in.	25.00	250.00

## AMERICAN ARBORVITAE

5-yr. Seedlings	(5-0)	10-14 in.	9.00	45.00
-----------------	-------	-----------	------	-------

## PYRAMIDAL ARBORVITAE

*5-yr. Transplants	(3-2)	6-14 in.	30.00	300.00
--------------------	-------	----------	-------	--------

## JAPANESE YEW TRANSPLANTS

*Taxus Brevifolia (dwarf Japanese)		4-6 in.	30.00	250.00
*Taxus Densia (very dwarf Japanese)		3-5 in.	30.00	250.00
*Taxus Cuspidata (low, flat)		6-8 in.	30.00	250.00
*Taxus Hicksi (columnar)		7-10 in.	30.00	250.00
*Taxus Hatfield (upright, conical)		4-7 in.	30.00	250.00

## JAPANESE YEW TWICE TRANSPLANTS

*Taxus Nana Femina (dwarf berrying)		8-12 in.	95.00	950.00
*Taxus Cuspidata (low, flat)		5-8 in.	60.00	350.00
*Taxus Cuspidata (low, flat)		10-16 in.	90.00	900.00
*Taxus Hicksi (columnar)		7-10 in.	75.00	400.00
*Taxus Capitata (upright)		8-10 in.	75.00	750.00
*Taxus Hatfield (upright conical)		5-8 in.	60.00	350.00

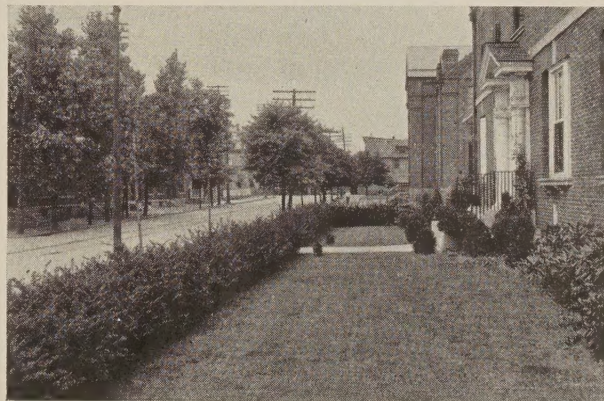
## MUGHO PINE

2-yr. Seedlings (true dwarf)		2-3 in.	5.00	25.00
3-yr. Seedlings		4-6 in.	6.00	30.00

## BARBERRY

### HEDGES

A sturdy thorned shrub, well known, and widely used for hedges. Bears bright red berries in fall, which cling on thru the winter, adding beauty to utility. Attractive to birds in winter. Barberry is very hardy.



Barberry Hedge

## GREEN BARBERRY

3-yr. Seedlings	(3-0)	7-14 in.	5.00	25.00
-----------------	-------	----------	------	-------

## RED BARBERRY

2-yr. Seedlings	(2-0)	2-5 in.	6.00	30.00
2-yr. Seedlings	(2-0)	6-12 in.	10.00	60.00



ONE EACH  
Best SHADE TREES Pictured below

## ALL 3 TREES

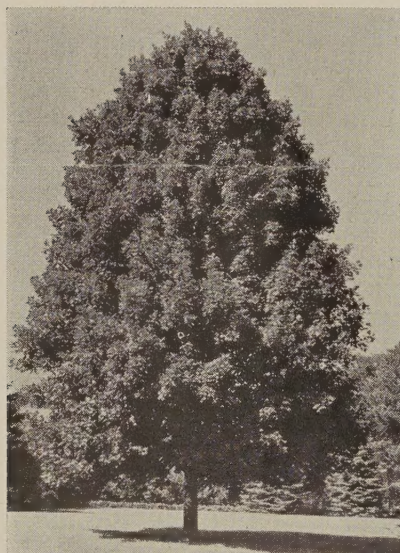
FOR ONLY **\$8.50**

Shipped Express Collect

These are Finest Quality Trees, in best sizes for Successful Transplanting.



Weeping Willow, 6-8 ft.



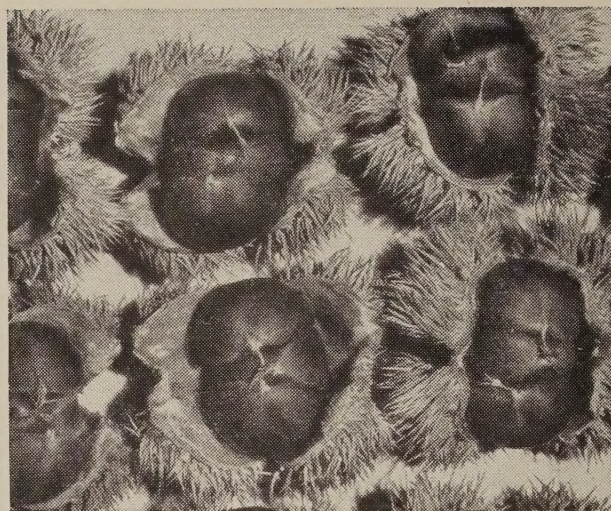
Norway Maple, 6-8 ft.



Cut-Leaf Birch, 4-5 ft.

# Musser Shade, Nut, and Flowering Trees

Finest Quality Trees offered  
in Best Sizes for successful  
Transplanting.



New Chinese Chestnut (Blight Resistant)

	Actual Size Each	Per 3	Per 10	Per 100
<b>WEeping WILLOW</b> (Wisconsin) ..... Very rapid growing tree with graceful drooping branches. Will succeed in any location, but prefers moist soil. Especially effective near pools or river banks, along drives or as specimen plants. Frequent cutting back gives a thicker growth of bright green twigs. Grows 25 to 30 feet tall.	6-8 ft.	\$3.00	\$ 8.50	\$25.00 \$225.00
<b>NORWAY MAPLE</b> ..... One of the best trees for street planting or for lawn specimens where good form and shade are needed. Its dense leaves are rich green in color and are held on tree about two weeks longer than those of other maples. Grows 50 to 60 feet tall.	6-8 ft.	3.50	9.50	28.00 250.00
<b>CUT-LEAF WEEPING BIRCH</b> (Silver Birch) ..... Graceful white-barked tree with delicate drooping branches. One of the few shade trees under which grass will grow. The white bark, which develops a year or two after planting is beautiful in all seasons. Grows 20 to 30 feet tall.	4-5 ft.	3.50	9.50	28.00 250.00
<b>CHINESE ELM</b> ..... For quick shade. A very rapid grower with small, dense foliage. Resembles Norway Maples in shape. Excellent for tall hedge and windbreak. Stands intense cold and extreme heat remarkably well. It makes excellent shade in five (5) short years. Maturity height 30 to 40 feet.	6-8 ft.	3.00	8.50	25.00 225.00
<b>PIN OAK</b> ..... Most wanted shade tree for street and lawn planting. Fastest growing of the Oaks. Pyramidal form makes pruning unnecessary, and permits grass to grow under branches. Adapts itself to all locations. Not often affected by insect pests or diseases. Grows 30 to 40 feet tall.	6-8 ft.	6.00	16.50	50.00 450.00
<b>LOMBARDY POPLAR</b> ..... Tall columnar tree, ideal for use as screen or windbreak. Thrives in wide range of soil and climatic conditions. Grows unusually fast, and requires no pruning. Grows 60 to 80 feet tall.	5-6 ft.	1.25	3.50	10.00 65.00
<b>MOUNTAIN ASH</b> ..... One of the most ornamental of all trees. Bears large clusters of bright orange-red berries from mid-summer until late fall. Grows 20 to 30 feet tall.	6-8 ft.	3.50	10.00	32.50 300.00
<b>NEW CHINESE CHESTNUT</b> (Blight resistant) ..... Will bear large, sweet, delicious nuts two years after planting. Very fast growing. Valuable for ornamental effect and shade as well as for its fruit. Plant two or more for pollination. Grows 30 to 40 feet tall.	3-4 ft.	3.50	9.50	28.00 250.00
<b>BLACK WALNUT</b> ..... Rich, flavorful kernels. Does well in fertile, well drained soil. Very hardy. Grows almost anywhere in the country. Produces annually large crops of nuts with rich, oily kernels of fine flavor. Fine for desserts, nut bread and confections. Tree grows 40 to 60 feet high; is a fast grower and long lived.	4-5 ft.	2.50	7.00	22.50 200.00
<b>RED-FLOWERING DOGWOOD</b> ..... Outstanding among ornamental trees. A profusion of showy rose colored petals in spring is followed by deep red foliage in fall. Grows 15 to 20 feet tall.	2-3 ft.	3.50	9.50	28.00 250.00
<b>WHITE-FLOWERING DOGWOOD</b> ..... One of the most beautiful of all spring flowering trees. Lovely four-petaled white blossoms are borne on spreading branches early in spring. Leaves turn brilliant red in fall. Valuable when used in lawn border or as specimen plants. Unsurpassed when used in naturalizing effect. Grows 15 to 20 feet tall.	2-3 ft.	3.00	8.50	25.00 225.00
<b>MAGNOLIA</b> (Saucer Magnolia) ..... One of the most hardy of the Magnolias. Large fragrant rose-colored flowers cover the tree in early spring. Blossoms when very small. Select sheltered location so flower buds will not be injured by late frosts. Grows 10 to 15 feet tall (See page 12.)	1 1/2-2 ft.	4.00	11.50	35.00 300.00
<b>RED-FLOWERING CRAB</b> (Malus Floribunda) ..... This small tree is round topped with single carmine buds that change to pink and then white. Very heavy blossomer with small fruit of blood red. Will stand severe winters and drought. Grows 15 to 20 feet.	4-5 ft.	2.00	5.50	18.00 170.00
<b>BECHTEL'S CRAB</b> ..... This choice variety of Crab has endeared itself to many growers because of its spectacular flood of large, double-rose-like flowers in spring which completely hide the branches. Blooms every year. In general it resembles an Apple tree but is much smaller and finer branched. It grows in many locations and benefits from the same care given Apple trees.	3-4 ft.	2.00	5.50	18.00 170.00



# Beauty in Spring . . Harvest in Fall

## Fruit Trees



### 5-in-1 Apple Tree

(5 varieties grafted on one tree)

For Limited Space — Yellow Delicious, Red Rome Beauty, Red Delicious, Stayman's Winesap, Yellow Transparent. Plant several of these novel trees for beauty, shade, and for fruit maturing over a long period.

4 - 6 FT., WELL BRANCHED

	Each	Per 3	Per 10
ONLY	\$3.50	\$9.50	\$28.00



### Standard Cherry Tree

4 - 5 FEET

Large Montmorency — The nation's most popular Sour Cherry, always in demand by the home canner as well as canning factories. The trees are good bearers and the fruit ships well. Bright clear red, good sized, and has fine flavor. Eat right off the tree; makes excellent pies and other desserts. Hard to beat from any angle. Ripens around July 15.

	1-9	10-49	50-100
	Each	Each	Each
2-yr., 4-5 ft.	\$2.25	\$1.85	\$1.30

### Dwarf Fruit Trees 3 to 4 Feet

Where space is limited plant these dwarf trees. They do not spread more than 10-15 ft. Most varieties start producing fruit first year after planting. Produce fruit as large or larger than standard trees. Plant two (2) or more varieties for pollination.

DWARF APPLE TREES 3-4 feet. Cortland, Red McIntosh, Red Delicious, Early McIntosh	\$3.75	\$10.50	\$30.00
DWARF PEAR TREES 3-4 feet. Bartlett, Clapp's Favorite	\$3.75	\$10.50	\$30.00

### Standard Apple Trees 5 to 6 Feet

5-6 feet. Your choice of those listed below. Plant two (2) varieties for successful pollination	Each	Per 3	Per 10
	\$1.75	\$ 5.25	\$14.50

EARLY MCINTOSH (Ripens August). Bright red early apple. The flesh is white, tender and juicy with fine flavor. Ideal dessert apple.

YELLOW TRANSPARENT (Ripens August). Early, flavor acid and very good, making it excellent for cooking. Trees hardy and abundant bearers.

YELLOW DELICIOUS (Ripens Oct.-Mar.). Bright, golden yellow apple of excellent quality. Firm, crisp and very juicy. Finest yellow apple. Bears young and heavily.

RED MCINTOSH (Ripens October). Very attractive red apple of highest quality. Tender, juicy, and refreshing. Hardy. Bears young and annually.

CORTLAND (Ripens Nov.-Feb.). Large red fruit similar to McIntosh. Very hardy and desirable as a cross pollinator.

RED DELICIOUS (Ripens Dec.-Feb.). Large dark red apple with crisp fine-grained flesh. Excellent flavor.

### Standard Peach Trees 5 to 6 Feet

	1-9	10-49	50-100
	Each	Each	Each
All varieties. 5-6 ft.	\$1.75	\$ 1.45	\$ 1.10

GOLDEN JUBILEE — We recommend this New Jersey Experiment Station introduction. Comparatively new, but widely planted. Is a real money maker. Quite hardy, resists excessive cold. Sure cropper, after severe winters and heavy frosts. Golden Jubilee is without equal as an early, large, yellow freestone of highest quality. Flesh is yellow, tender, juicy, and sweet. Ideal for home use and roadside market sale. (Ripens August 20-25.)

HALE HAVEN — Marvelous new Peach, a result of crossing the famous J. H. Hale with South Haven. A large, beautiful colored, yellow fleshed Peach. Ripens approximately 10 days to two weeks ahead of Elberta. Perfect freestone, strong grower. Good shipper, and a prolific, heavy bearer. The tree is hardy and fruit is of the highest quality. Has extremely high color which is present several days before the fruit ripens, thus allowing early picking for distant shipments. Should be included in every planting. (Ripens September 1-5)

EARLY ELBERTA — An excellent, new variety, resembling Elberta very closely, except a little rounder in shape and about 10 days earlier in ripening. Freestone. (Ripens September 6-10.)

RED HAVEN — A new, desirable, early Peach that has been thoroughly tested and found highly satisfactory. Introduced by the South Haven Experimental Station, it has fine flavor of the South Haven and Hale-Haven. When other peaches are still green, this Peach is a bright red and ready for real profit. Hardy, freestone. Self-pollinizing and a prolific yielder. (Ripens August 20-25.)

### Standard Pear Trees 4 to 5 Feet

Three varieties needed for pollination. Best three varieties — 1 each, Bartlett, Clapp's Favorite and Seckel.

3 select, 2 year 4 to 5 ft. Trees..... **Only \$4.50 for all 3**

BARTLETT — There's hardly a person that doesn't know the Bartlett Pear and its qualities, as it is grown in and is adaptable to all different climates, soils and situations. Fruit is large, golden yellow in color, with a reddish blush on the sunny side. Flesh is tender and juicy, with a delicious, musky aroma. Trees are vigorous, attain large size, bear young, live long, and barring frosts and freezes, they bear full crops year after year. Justly the leading commercial Pear — a leader among canning Pears. (Ripens September - October.)

CLAPP'S FAVORITE — Precedes Bartlett, which it resembles in size, shape, color and flavor. In sections where Pears are grown for the market, it is the first Pear to be put on the market. Large pale lemon yellow fruit with brown dots. Fine texture, juicy, buttery, with a rich, sweet delicate vinous flavor. Tree hardy and productive. Thrives where other varieties fail. (Ripens Aug. 15-20.)

SECKEL — The Pear to plant for eating fresh and pickling. Medium size, skin rich yellowish brown with deep, brownish red cheek when fully ripe. Flesh very fine grained, juicy, sweet, and good. Trees resistant to blight, very productive and hardy. Should be planted in fertile soils, not heavy clay. (Ripens Sept. - Oct.)

Fruit and Shade Trees shipped Express Collect. Complete planting instructions with order acknowledgment.



Dwarf Pear



## SCOTCH PINE Fast Growing — Very Popular Christmas Tree Planting Stock (See page 17)

Grown from very Finest Strains of Seed			Per 100	Per 1000
2-yr. Seedlings	(2-0)	3-4 in.	5.00	25.00
2-yr. Seedlings	(2-0)	3-6 in.	7.00	35.00
Special Strain. Fine Stock, well graded. Seed obtained from the hardiest, straight stemmed, good color trees, from the finest forests in Europe				
3-yr. Seedlings	(3-0)	6-12 in.	10.00	*****
About 50% Branched				
3-yr. Transplants	(2-1)	3-6 in.	12.00	60.00
Well budded, pruned before transplanting to produce quality, bushy trees				
*8-yr. Twice Trans.		18-24 in.	75.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*8-yr. Twice Trans.		24-32 in.	125.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				

## AUSTRIAN PINE Beautiful Compact Ornamental and Christmas Tree (See page 17)

3-yr. Transplants	(2-1)	3-4 in.	12.00	60.00
4-yr. Seedlings	(4-0)	5-10 in.	30.00	200.00
Extra heavy, well branched stems mostly pencil thickness and better				
Lots of 10 at 100 rate — Shipped Express Collect				

## WHITE PINE One of the Best Timber Species — Also Christmas Tree. (See page 17)

2-yr. Seedlings	(2-0)	2-3 in.	5.00	25.00
2-yr. Seedlings	(2-0)	3-4 in.	6.00	30.00
4-yr. Transplants	(3-1)	4-8 in.	10.00	50.00
4-yr. Transplants	(2-2)	6-12 in.	12.00	*****
Bushy, well branched, excellent stock				
*8-yr. Twice Trans.		12-18 in.	50.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*8-yr. Twice Trans.		18-24 in.	75.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*8-yr. Twice Trans.		24-32 in.	125.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*7-yr. Trans.	(4-3)	12-18 in.	90.00	*****
(Grown in 7 in. pots)				
Root bound with ball of earth, pruned, bushy well-shaped, beautiful trees. Lots of 10 at 100 rate — Shipped Express Collect				

## BANKS PINE Fastest growing Christmas Tree (Must be Sheared) — Also Timber

2-yr. Seedlings	(2-0)	3-7 in.	5.00	25.00
*7-yr. Transplants	(3-4)	16-20 in.	50.00	*****
Bushy, Well Branched. Lots of 10 at 100 rate—Shipped Express Collect				
*8-yr. Twice Trans.		18-24 in.	75.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*8-yr. Twice Trans.		24-32 in.	125.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				

## AMERICAN RED PINE Excellent Timber and Christmas Tree (See page 18)

Seed obtained from finest American virgin forests				
2-yr. Seedlings	(2-0)	2-3 in.	7.00	35.00
2-yr. Seedlings	(2-0)	2-4 in.	8.00	40.00
Well Graded, Excellent Stock				
3-yr. Transplants	(2-1)	3-6 in.	15.00	75.00
Excellent, Extra Heavy Stock				
*8-yr. Twice Trans.		12-18 in.	50.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*8-yr. Twice Trans.		18-24 in.	75.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				
*9-yr. Thrice Trans.		24-32 in.	125.00	*****
Lots of 10 at 100 rate — Shipped Express Collect				

## PITCH PINE Very Hardy — Fast Growing Hard Pine for Timber

3-yr. Seedlings	(3-0)	8-16 in.	4.00	20.00
-----------------	-------	----------	------	-------

## MUGHO PINE Dwarf ornamental. Requires sun. (See pages 5 and 7)

2-yr. Seedlings	(2-0)	2-3 in.	5.00	25.00
True Dwarf Guaranteed on 2-yr. Seedlings				
3-yr. Seedlings	(3-0)	4-6 in.	6.00	30.00
Not sure of source of seed — may or may not be true dwarf				

## JAPANESE BLACK PINE (Thunbergi)

Light green needles — 4½ inches long — hardy, valuable for use in exposed conditions along seashore

2-yr. Seedlings	(2-0)	2-5 in.	8.00	40.00
-----------------	-------	---------	------	-------

## BLACK HILLS SPRUCE Most Compact Spruce (See page 19)

2-yr. Seedlings	(2-0)	2 in.	4.00	20.00
-----------------	-------	-------	------	-------

## Musser Forests, Inc. Indiana, Penna.

# Spring, 1949

**TERMS:** If you wish us to prepay shipping charge, add 5% to total order, except certain items marked (\*) which will be shipped express collect. Our liability ceases when trees are delivered to carrier.

NO ORDER CAN BE ACCEPTED FOR LESS THAN UNITS OF FIFTY (50) OF ONE VARIETY AND SIZE, EXCEPT ON ITEMS MARKED WITH AN ASTERISK (\*). Orders may be booked with one-half cash with order, balance C. O. D. Fifty of one kind and size at the 100 rate, 500 at 1000 rate, shipped F. O. B. 50 cents packing on less than 1000.

All prices are NET, no discounts for cash or quantity.

Prices subject to change without notice.

### SHIPPING SEASON STARTS FROM MARCH 15 TO APRIL 15.

Orders will be filled as rapidly as possible from then on. All stock shipped in a dormant condition and may be safely transplanted in any part of the country, regardless of your season.

Due to the scarcity of good Seedling Trees, we suggest that you **SPECIFY A SECOND CHOICE WHEN ORDERING.**

## Rhododendron

Maximum	Per 100	Per 1000
10 - 12 in. Seedlings	35.00	250.00
(Single stem to lightly branched)		
COLLECTED STOCK THIS ITEM ONLY		
Shipped Express Collect		

The following are Exceptional Quality, Nursery Grown — not to be confused with collected seedlings. These items may be ordered in lots of 10 at 100 rate. Shipping charges express collect.

### Maximum

Hardy for full shade or partial shade. Large leaf, best foliage of any of the Rhododendrons. Bears large clusters of gorgeous flowers, shaded from white to shell pink, during late June and early July. Prefers partial shade and moist, acid soil. Cultivation is undesirable, as roots are shallow. A heavy mulch of vegetable humus is recommended.

	Per 100	Per 1000
6 - 10 in. Transplants, 1-3 branches	75.00	*****
8 - 12 in. Transplants, select, 3-5 branches	95.00	*****
12 - 18 in. Twice. Trans., select, 3-6 bran.	125.00	*****

### Catawbiense

Differs from Maximum as follows: Lower growing, smaller leaves, deep shades of pink and rose, grows in sun or partial shade.

4 - 8 in. Transplants, 2-3 branches	75.00	*****
-------------------------------------	-------	-------

### Hybrid

For full sun or partial shade. Similar to Maximum described above, except colors guaranteed as shown below.

#### HYBRID SEEDLINGS:

6 - 10 in.—2-3 in. branches, red, from pots	90.00	*****
---	-------	-------

#### HYBRID GRAFTED TRANSPLANTS:

6 - 9 in.—Orchid	160.00	1400.00
6 - 9 in.—Red and Pink	160.00	1400.00
15 - 18 in.—6-yr. 4 Times Trans., Orchid	4.50	each
(Well budded, ready to bloom)		
15 - 18 in.—6-yr. 4 Times Trans., Red, Pink	4.50	each
(Well budded, ready to bloom)		

(SEE SPECIAL OFFER ON PAGE 12)





# Wholesale Planting List

DOUGLAS FIR <small>Rocky Mountain Type — Superior Ornamental and Christmas Tree (See pages 5 and 18)</small>				
			Per 100	Per 1000
2-yr. Seedlings	(2-0)	2-3 in.	5.00	25.00
2-yr. Seedlings	(2-0)	3-6 in.	7.00	35.00
4-yr. Seedlings	(4-0)	4-8 in.	10.00	50.00
4-yr. Transplants	(2-2)	3-6 in.	16.00	80.00

BALSAM FIR <small>Christmas Tree and Ornamental—Excellent Stock (Similar to Douglas Fir, Page 18)</small>				
2-yr. Seedlings	(2-0)	3-6 in.	5.00	25.00
<small>Above item ONLY is collected stock — No adjustments. Shipped after April 15</small>				
4-yr. Transplants	(3-1)	3-7 in.	15.00	75.00
4-yr. Transplants	(2-2)	3-6 in.	18.00	90.00
5-yr. Transplants	(3-2)	6-8 in.	30.00	150.00
7-yr. Twice Transplants		8-14 in.	40.00	200.00

WHITE SPRUCE <small>Very similar to Norway (See pages 4 and 18)</small>				
2-yr. Seedlings	(2-0)	2-3 in.	5.00	25.00
*8-yr. Twice Trans.		14-18 in.	50.00	250.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		18-24 in.	75.00	375.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		24-32 in.	125.00	625.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

RED SPRUCE <small>Timber and Christmas Tree — Similar to Norway Spruce — not quite as fast growing (See page 4)</small>				
2-yr. Seedlings	(2-0)	3-6 in.	4.00	20.00
<small>Above item ONLY is collected stock — No adjustments. Shipped after April 15</small>				

NORWAY SPRUCE <small>Grown from seed of best fast growing strains (See pages 4 and 18)</small> <small>One of the best for Christmas Trees and Timber — Also can be kept sheared for Ornamentals</small>				
2-yr. Seedlings	(2-0)	2 in.	5.00	25.00
2-yr. Seedlings	(2-0)	3-6 in.	8.00	40.00
<small>Hardest Strain, Fast Growing</small>				
3-yr. Seedlings	(3-0)	4-8 in.	10.00	50.00
3-yr. Seedlings	(3-0)	6-12 in.	14.00	70.00
4-yr. Transplants	(2-2)	6-14 in.	20.00	100.00
5-yr. Transplants	(2-3)	10-18 in.	25.00	125.00
*5-yr. Transplants	(2-3)	12-24 in.	30.00	150.00
*8-yr. Twice Trans.		14-18 in.	50.00	250.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		18-24 in.	75.00	375.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		24-32 in.	125.00	625.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

COLORADO BLUE SPRUCE <small>(See pages 4 and 19)</small> <small>Excellent stock — finest in the country — Unusually good color Seed hand picked from Blue trees only</small>				
2-yr. Seedlings	(2-0)	2-3 in.	4.00	20.00
3-yr. Seedlings	(3-0)	2-4 in.	6.00	30.00
3-yr. Seedlings	(3-0)	3-5 in.	7.00	35.00
4-yr. Seedlings	(4-0)	4-8 in.	15.00	75.00
*6-yr. Transplants	(3-3)	8-14 in.	50.00	250.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		12-16 in.	75.00	375.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		16-24 in.	100.00	500.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

CANADIAN HEMLOCK <small>Hedges, Specimen Ornamentals — Full shade or full sunlight. (See page 7)</small>				
2-yr. Seedlings	(2-0)	2-4 in.	5.00	25.00
3-yr. Seedlings	(3-0)	3-5 in.	8.00	40.00
4-yr. Transplants	(3-1)	6-12 in.	16.00	80.00
*6-yr. Transplants	(3-3)	7-14 in.	25.00	125.00
<small>Pruned before transplanting to produce quality, bushy trees</small>				
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*8-yr. Twice Trans.		12-18 in.	75.00	375.00
<small>Well Branched</small>				
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

## CAROLINA HEMLOCK

Similar to Canadian Hemlock. (See page 7)

Per 100 Per 1000

*5-yr. Transplants	(4-1)	12-16 in.	25.00	125.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

## AMERICAN ARBORVITAE Hedges and Ornamentals (See page 4)

2-yr. Seedlings	(2-0)	2-4 in.	5.00	25.00
3-yr. Seedlings	(3-0)	4-9 in.	7.00	35.00
5-yr. Seedlings	(5-0)	10-14 in.	9.00	45.00

## PYRAMIDAL ARBORVITAE (See pages 4 and 7.)

Grows in Pyramidal Shape for Ornamental — requires sun

*5-yr. Transplants	(3-2)	6-14 in.	30.00	150.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				
*Transplants from 2½ in. pots		8-10 in.	50.00	250.00
<small>Lots of 10 at 100 rate — Shipped Express Collect</small>				

## GREEN BARBERRY Very Hardy Hedge Material. (See page 7)

2-yr. Seedlings	(2-0)	6-12 in.	4.00	20.00
3-yr. Seedlings	(3-0)	7-14 in.	5.00	25.00

## RED BARBERRY Red Leaves all Summer — Berries in the Fall (See page 7)

2-yr. Seedlings	(2-0)	2-5 in.	6.00	30.00
2-yr. Seedlings	(2-0)	6-12 in.	10.00	60.00

## LARCH Very Fast Growing Timber Tree

2-yr. Seedlings	(2-0)	4-14 in.	5.00	25.00
3-yr. Seedlings	(3-0)	8-18 in.	7.00	35.00

## WHITE BIRCH Lacy foliated ornamental with creamy-white bark. (See page 12).

Seedlings		12-24 in.	12.00	50.00
-----------	--	-----------	-------	-------

## SUGAR MAPLE

Seedlings		6-12 in.	12.50	55.00
-----------	--	----------	-------	-------

## PFITZER JUNIPER TRANSPLANTS

Dwarf Spreading Ornamental — requires sun (See page 5)

Grown in 2½ in. pots		8-10 in.	40.00	200.00
Twice Transplanted		7-10 in.	60.00	300.00
Hetzi Glauca		8-10 in.	65.00	325.00
<small>Blue Pfitzer — Fast Growing — Excellent Stock</small>				
Hetzi Glauca		10-15 in.	90.00	450.00
<small>Blue Pfitzer — Fast Growing — Excellent Stock</small>				

## SABINA JUNIPER

Dense, low, spreading many branched Juniper. Short straight tufted branchlets. Small purple berries. One of the oldest Ornamental evergreens. Grows to height 2-3 ft.

Grown in 2½ in. pots		8-10 in.	50.00	250.00
----------------------	--	----------	-------	--------

## JAPANESE YEW TRANSPLANTS

2-yr. bedded transplants, excellent stock, well rooted (See page 5)

Lots of 10 at 100 rate — Shipped Express Collect

*Taxus Brevifolia (dwarf Japanese)	4-6 in.	30.00	250.00
*Taxus Densia (very dwarf Japanese)	3-5 in.	30.00	250.00
*Taxus Cuspidata (low, flat)	6-8 in.	30.00	250.00
*Taxus Hicksi (columnar)	7-10 in.	30.00	250.00
*Taxus Hatfield (upright, conical)	4-7 in.	30.00	250.00

## JAPANESE YEW TWICE TRANSPLANTS (See page 5)

3- and 4-yr. bedded, twice transplanted, excellent, strong, healthy stock

Lots of 10 at 100 rate — Shipped Express Collect

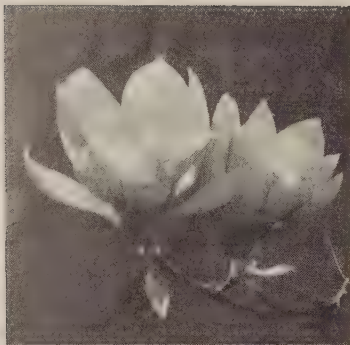
*Taxus Nana Femina (dwarf berrying)	8-12 in.	95.00	475.00
*Taxus Cuspidata (low, flat)	5-8 in.	60.00	300.00
*Taxus Cuspidata (low, flat)	10-16 in.	90.00	450.00
*Taxus Hicksi (columnar)	7-10 in.	75.00	375.00
*Taxus Capitata (upright)	8-10 in.	75.00	375.00
*Taxus Hatfield (upright, conical)	5-8 in.	60.00	300.00

## GROUND COVER (Pachysandra Terminalis)

1-yr. Plants	3-4 in.	9.00	80.00
2-yr. Transplants	4-8 in.	15.00	120.00

See next page for  
Magnolia - Lilac - Azalea  
and Special Offers





Hardy Magnolia

## HARDY MAGNOLIA

(Soulangeana Nigra—Saucer Magnolia)

Each Per 100  
Transplanted stock, field grown, best, 1 - 1 1/2 ft. 2.25 195.00  
Deep red flower. One of the most hardy of the Magnolias. Hardy as far north as Boston, Mass., or Detroit, Michigan. Mammoth red colored blossoms resemble a cup and saucer of flower petals. Blooms early in the Spring before the leaves appear. Blooms when very small but will get to be about 10 feet tall. Makes an excellent specimen for the lawn.

## FRENCH LILACS

(Plant in rich, drained soil)  
Shipped Express Collect

Transplanted stock, 2-2 1/2 ft. \$2.00 each, 3 for \$5.00

LUDWIG SPAETH — Large, single blossoms of splendid, dark purplish red color. If you plant only one Lilac, select this variety. Its beauty and fragrance are unexcelled.

MICHAEL BUCHNER — Long narrow clusters with double pinkish-lilac flowers. Exquisitely fragrant.

PRES. GREVY — A clear, soft delicate blue. Large, double flowers in large, pyramidal clusters.

MARIE LeGRAYE — Large single flowers, creamy white.

RUBRA DE MARLEY — Single reddish purple, one of the best.

CHAS. TENTH — Single red flower. Very popular.

## AZALEA MOLLIS

Hardy all climates. Deciduous plant reaching 3-6 ft. in height. Requires sunlight, loose acid soil. Easy to grow. Large blooms in May. Mixed colors: lemon yellow, burnt orange, and red.

Lots of 10 at 100 rate — Shipped Express Collect

	Per 100
*3-yr. Twice Transplants .....	6-8 in. 60.00
*5-yr. Thrice Transplants .....	8-12 in. 90.00
*8-yr. Four Times Transplants .....	12-15 in. 195.00

8-yr. Stock is Well Budded, Ready to Bloom.



French Lilac

Magnolia and Azalea may be ordered in lots of 10 at the 100 rate.

Magnolia, Lilac and Azalea will be shipped Express Collect.

Musser Forests

# Special Offers

All Special Offers Shipped Postpaid  
Sorry! No C.O.D.'s on Special Offers

## COLORADO BLUE SPRUCE

### Special No. 1

Very superior stock Well branched 6 year old Transplants, 8 to 14 inches tall. Develops into a sturdy, symmetrical, compact tree, in varying beautiful shades of blue. Sent postpaid.

**5** 6-Year-Old **BLUE SPRUCE \$3**



Blue Spruce

### Special No. 2

Excellent 4 to 8-inch Seedling stock. Colorado Blue Spruce has long been regarded as the King of Ornamentals. Makes handsome specimens or hedge. Sent postpaid at planting time.

**20** 4-Year-Old **BLUE SPRUCE \$3**

### Spec. No. 3

For Hedge work and fine specimen Trees. Also excellent for mixed plantings and often used in Windbreaks. Choice stock, 10 to 14 inches tall. Sent postpaid at planting time.



Am. Arborvitae

**15** AMERICAN **ARBORVITAE \$3**



White Birch

### Special No. 4

Twenty 12 to 24 inch seedlings sent postpaid at planting time. Very hardy in all climates and conditions. Bark turns creamy white at about 5 ft. (3 to 4 years.) To get graceful clump effect, plant several seedlings.

**20** **White Birch \$3**

### Special No. 5

7 to 14 inch Transplanted Stock. Lacy, graceful foliage. Prefers shade, but will live in full sunlight. Desires moist soil. Excellent ornamental, since it may be pruned to any shape and kept at small size. Unsurpassed for hedges, mixed plantings or specimens. Thrives in shade where other ornamentals will not grow. Mailed postpaid at planting time.

**10** CANADIAN **HEMLOCK \$3.50**

### Special No. 6

## Rhododendron

10 to 12 inch single stem to lightly branched. Fine young plants — will grow bushy.

Maximum — Excellent ornamental, large clusters of gorgeous flowers shaded from white to shell pink in July. Prefers partial shade. Postpaid.

**5** FOR **\$3.50**





This Fine Musser Blueberry Shrub, two years out of the Nursery, is heavy with a profitable yield. Note decorative natural shape of this average specimen.

## Grow Blueberries for Pleasure and Profit

### BLUEBERRY SPECIAL NO. 7

6 healthy, vigorous Musser Quality Blueberries, 2-yr. plants, 6 to 12 inches tall ..... **Sent POSTPAID for \$5.95**

### BLUEBERRY BEARING AGE SPECIAL NO. 8

6 Blueberries, same as above, but 18 to 24 inch, 3-year stock, which is bearing age. These plants will begin producing fruit THIS YEAR ..... **Sent POSTPAID for \$8.95**

### Special No. 9

## Asparagus

**You May Reap Profits for 20 Years!**  
We are particularly proud of the fine 2-yr. selected Musser Delicious Asparagus Roots offered here. Based on the rust-proof Mary Washington strain, our plants will produce stalks big enough for cutting the first year after planting. Distinguished by extra heavy crowns, long, fat roots, and a clear green color; rust-resistant and very strong grower.

**50 Strong 2-yr. Roots, \$3.75**

Not less than 50 sold. Shipped postpaid.

**MUSSER FORESTS, Inc.**  
Indiana, Penna.

# BLUEBERRIES

## Bearing Age Shrubs Will Produce This Year

Musser Quality Blueberries are the most popular for Home Garden growing. The singularly attractive bushes (see photo at left) add beauty to any landscape, winter or summer. An excellent plant for garden boundaries, or planted in clumps. Our selection of 3 choice varieties insures proper cross-pollination, resulting in large crops.

The large, delicious berries are a treat for all the family—and six bushes will supply many more than your own requirements. And, with Blueberries of this high quality retailing at from 35 to 75 cents a pint, the heavily bearing bushes can be a source of considerable profit.

Any type of acid soil, which is reasonably moist, but is well-drained, will favor the finest development of these shrubs. If your soil is sweet, it can be readily conditioned by thoroughly mixing peat moss, partially rotted leaves, pine needles, or rotted sawdust with the soil before planting. Complete planting instructions are sent with each shipment.

We are offering two (2) each of the strongest bearing, named varieties; you are assured of a continuous crop throughout the summer. Bearing-age plants will produce fruit this year.

## This Is Your BEST BUY!

### COMBINATION "A"

#### SPECIAL NO. 12

6 — 2-year Blueberry Shrubs  
6 to 12 inches ..... \$ 5.95  
200 Strawberry Plants  
50 each of four varieties ..... 6.95  
50 Asparagus Roots ..... 3.75

Total Value ..... \$16.65

Postpaid for ..... \$14.95

### COMBINATION "B"

#### SPECIAL NO. 12A

6 — 3-year BEARING AGE  
Blueberry Shrubs,  
18 to 24 inches ..... \$ 8.95  
200 Strawberry Plants  
50 each of four varieties ..... 6.95  
50 Asparagus Roots ..... 3.75

Total Value ..... \$19.65

Postpaid for ..... \$17.00

## Grow Strawberries

Strawberries can be grown in practically every section of the country. They have a place in every garden. Our assortment of 4 varieties has been selected from the strongest, disease-resistant strains, and will produce an abundance of large, succulent berries during the whole summer under average conditions. You will have a full crop next spring and summer from these plants.

### SPECIAL NO. 10 (Postpaid)

100 Early (2 var.) 50 Mid-Season 50 Everbearing

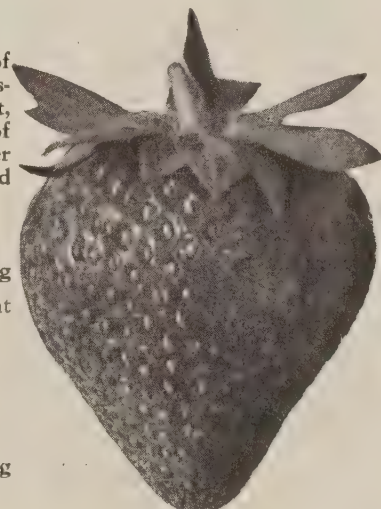
This is an ideally balanced collection, and enough to plant 12, 25-foot rows. Complete planting instructions sent.

**200 Strawberry Plants, \$6.95**

### SPECIAL NO. 11 (Postpaid)

50 Early (2 var.) 25 Mid-Season 25 Everbearing

100 Strawberry Plants, as listed — \$3.95





# Flowering Shrubs

## MOCK ORANGE

(*Philadelphus Virginalis*) The reliable, old sweet scented Mock Orange, known and loved by all. Will tolerate smoke and other hard city conditions. Maturity height, 5 to 6 feet.

## SPIREA

(*Vanhouttei*) Probably best known of all the shrubs. Will tolerate shade and adverse city conditions. Grows in any soil. Completely covered with white flowers in June. 4 to 6 feet.

## WEIGELA

(*Rosea*) Tall and vigorous, with deep pink blooms all summer. Reaches maturity height of 5 to 6 feet. Popular specimen shrub.

## FORSYTHIA

(*Golden Bell*) Long slender branches, entirely covered with dainty yellow blossoms, are the first sign of spring. 7 feet.

## RED FLOWERING QUINCE

This is the old-fashioned Fire Bush. A gorgeous sight with its scarlet blossoms in April and May. Maturity ht., 4-5 ft.

## DEUTZIA

(*Pride of Rochester*) A perfect mass of lovely double white flowers tinged with pink in June. Grows in sun or partial shade. Maturity height, 5 to 6 feet.

One Each of ALL 6 SHRUBS

1½ to 2 feet tall, only \$ 5.00, postpaid



WEIGELA (*Rosea*)  
(Pink Flower)



DEUTZIA (*Pride of Rochester*)  
(White Flower)



SPIREA (*Vanhouttei*)  
(White Flower)



FLOWERING QUINCE  
(Red Flower)



SWEET MOCK ORANGE  
(Waxy White Flower)



FORSYTHIA (*Golden Bell*)  
(Yellow Flower)

ONE EACH OF

# All 6

HARDY, WELL-BRANCHED

# Shrubs

All 2-year, No. 1 Blooming Size,  
1½ to 2 feet tall

Shipped Postpaid for only

# \$5.00

OR

3 each, Any Two Kinds,  
\$ 5.00, postpaid





Musser Nurseries present

— America's Greatest VALUE in

## Hybrid Tea Roses

NO. 1, BEST GRADE OBTAINABLE

QUALITY PLANTS — Guaranteed True To Name

Each plant EXPERTLY PRUNED ready for PROPER PLANTING. No large, thorny, dead, woody tops to wrestle with after planting. These Roses have been selected as being very generous bloomers, as well as for the breath-taking perfection of each individual flower. You may cut freely for home decoration throughout the summer, which only encourages the vigorous plants to put forth more blooms. On some orders it may be necessary to substitute, but colors will be same as ordered.

3 Red — ETOILE DE HOLLANDE  
(Conceded to be best red rose)

1 Pink — PINK DAWN

1 Yellow — GOLDEN CHARM

1 White — K. A. VIKTORIA

### No. 1, Best Quality HYBRID TEA ROSE

ANY 3 — \$3.00

Postpaid

ANY 10 — \$8.90

Postpaid

Order by number, also state color

- |                                     |                      |
|-------------------------------------|----------------------|
| No. 1 — Pure White                  | K. A. Viktoria       |
| " 2 — Red                           | Red Radiance         |
| " 3 — Golden                        | Mrs. P. S. DuPont    |
| " 4 — Pink                          | Pink Dawn            |
| " 5 — Deep Red                      | Poinsettia           |
| " 6 — Deep Pink tinged<br>with Gold | Pres. Herbert Hoover |
| " 7 — Pure White                    | Caledonia            |
| " 8 — Pink                          | Editor McFarland     |
| " 9 — Scarlet Orange                | Mrs. Sam McGredy     |
| " 10 — Deep Yellow                  | Golden Charm         |

PLUS ONE

### Red Climbing Rose

(PAUL'S SCARLET CLIMBER)

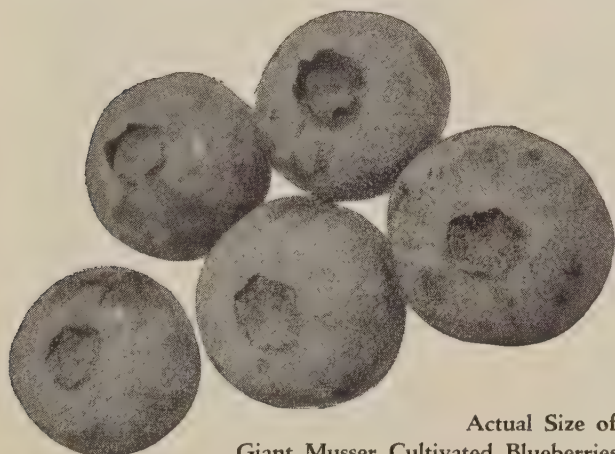
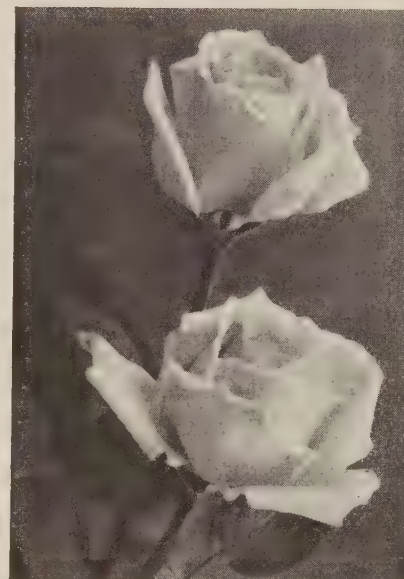
FREE

Above 6 Hybrid Teas  
Plus

1 Paul's Scarlet Climber

## All 7 Roses

for only **\$6.95** postpaid

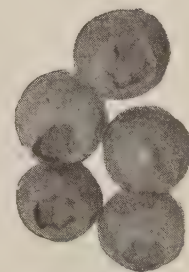


Actual Size of  
Giant Musser Cultivated Blueberries

## Compare BLUEBERRIES

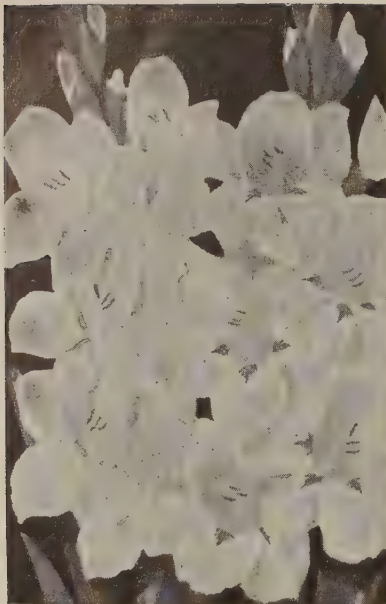
See Page 13 for Blueberry Offer

Cultivated Blueberries (shown left) and Wild Blueberries (right) are here compared in their ACTUAL SIZE. The careful culture of Musser Quality Blueberries has brought about this startling improvement. No one can resist the delicious flavor of Cultivated Blueberries.



Actual Size of  
Wild Blueberries





# Gladiolus

*High Quality  
Bulbs Only*

One of the most popular of all garden flowers. Only 1st quality bulbs, selected for beauty of form and color, are included in this list. They are not to be confused with tiny corms or bulblets so promiscuously advertised. Place about 6 inches apart, and 3 inches deep in well-cultivated enriched soil. Water during extremely dry weather. Bulbs should be lifted in fall before heavy frost.

14 - 18 Florettes each stem

	25	50	100
No. 1 — Large, Fancy Bulbs	\$2.75	\$4.25	\$7.50
Shipped Postpaid			

YOUR CHOICE of the following 5 NAMED VARIETIES —

Flaming Sword (Flaming Red)	Gold Dust (Deep Yellow)
Early Dawn (Pink)	Picardy (Apricot-Pink)
Maid of Orleans (Pure White)	

We cannot ship less than 25 of one variety.

# REGAL LILY

*Easily Grown - Beautiful*

Lilium Regale

Gorgeous bell-shaped white sweet scented flowers with a touch of gold in the throat and a shading of lilac-pink on the outside. Blooms in clusters at the top of stem during July. One of the most beautiful and easiest grown of all lilies, the individual blooms of which measure about 6 inches in length and 4½ to 5 inches across, 3 to 5 feet high. Do not remove the roots on these bulbs. Plant 8 inches deep and leave alone forever after.



No. 1 Best Quality Bulbs. Postpaid

	10	50	100
6 - 7 in. in circumference	\$2.75	\$13.00	\$25.00
8 - 9 in. in circumference	5.00	25.00	45.00

## PLANTING INSTRUCTIONS

### When to Plant

Spring planting season is from March 15 to June 1. Fall planting is quite satisfactory when larger transplant stock is used, and when the site is fairly dry. Never attempt to plant in the fall on moist sites as the trees will be heaved out of the ground by the action of the frost on the soil. Fall planting season is September 1 to November 1, or before the ground freezes.

### Preparations for Planting

It is not necessary to prepare the soil in any way before planting. Plowing before planting often allows too much settling after planting, leaving the trees lying upon the surface. Sod and weeds in the planting site conserve moisture, and shade the young trees during the hot months of the first few seasons after planting. Do not fertilize before, during or immediately after planting as the fresh fertilizer invariably burns the tender roots. Fertilizer as a top dressing around the trees may be added several years after planting if desired.

When your trees arrive **UNPACK AT ONCE**. This is very important. While trees are out of the ground they must be handled very carefully. Do not expose the roots to sunlight or drying winds, or the trees will be seriously injured or killed. Dig a trench deep enough to accommodate the roots and long enough to hold the trees. This trench should be near the planting site in a shaded location such

as the north side of a building or woods, and accessible to water if possible. Your trees will come packed in crates or cartons with the roots wrapped in moist moss and the tops dry. Remove all of this packing material and place the bundles of trees in the trench, packing **LOOSE** soil tightly around the roots so that air is excluded. If the soil is dry, water them after "**HEELING-IN**." When planting carry a few bundles of trees in an ordinary water bucket with the roots immersed in thick, soupy mud. This mud mixture will adhere to the roots, and while planting will dry slightly on the surface conserving necessary moisture in contact with the root itself.

### How to Plant

A mattock is the best tool for tree planting. Dig a hole deep enough to accommodate the roots, and large enough to allow for spreading out the roots. See Figure (A). Next take a tree from the bucket and place it in the hole so that when the hole is filled the tree will stand as deep or preferably ½ to ¾ inches deeper than it was in the nursery. Spread out the roots as much as possible, never curl them up in a ball. Then fill the hole partially and pack soil firmly about the roots with hand or mallet. Then fill the hole completely, leaving a slight depression to catch rain water. Avoid using stones and pieces of sod in filling the hole as these make air pockets that are detrimental to the successful establishment of the seedling. Careful spreading of roots, and tight packing of good soil around the roots will insure success with planting.

### Crew Organization

Planting small tracts three men work together. One man goes ahead and digs the holes, the other two follow with buckets of trees and plant them in the holes. In planting more extensive tracts ten men will work to the best advantage. Three men go ahead in a parallel line digging the holes. Two planters follow each digger setting the trees. The tenth man follows the crew with two buckets of trees and replenishes the planters' buckets as necessary; also to observe that no more than one tree is planted in each hole, to watch spacing, to see that trees are planted properly, and to keep the crew going as rapidly as possible.

Experienced crews can plant an average of 1,000 trees per man, per day.

### Spacing

Where thinning is to be done at a comparatively young age (4 to 5 years) as with a Christmas Tree plantation, spacing is 3' by 3' for Spruce or 5' by 5' for Pines. With a forest plantation when no thinning is intended for 20 to 25 years, 6' by 6' or 8' by 8' is recommended.

Number of trees required per acre for different spacings:

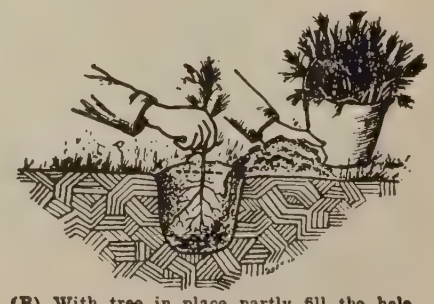
3 x 3 — 4,840	5 x 5 — 1,742
4 x 4 — 2,722	6 x 6 — 1,210



Showing Method of Heeling-in Stock



(A) Dig large holes.



(B) With tree in place partly fill the hole, then pack before final filling.





# Christmas Tree Growers' Guide

## *Christmas Trees as a Cash Crop*

Over 40,000,000 Christmas Trees used in the U. S. each year.  
Original sources rapidly decreasing, with quality more inferior.  
Average wholesale price in recent years, \$1.00 per tree.  
Planted Quality Trees always command premium prices.

### General Considerations

For the past 25 years we have been growing and shipping Christmas Trees. We have shipped large quantities to most of the important markets in eastern United States. The business of growing Christmas Trees is in its infancy.

Some people have the mistaken idea that there will soon be an over-production of Christmas Trees. During the past number of years, we have inspected practically every source of supply of Christmas Trees in the United States and Canada. We have made a thorough study of the markets and the demand for **quality** trees. From our experience, we are convinced that there will be a very good market for high grade Christmas Trees for a great many years to come. The market for select, **planted Pine** trees is practically unlimited. Although in the past, Spruce and Fir trees have been generally used for Christmas Trees, **planted Pines** are rapidly replacing them. **All Pines** are much faster growing than Spruce. **All Pines** retain their long needles and fresh appearance for months after being cut, whereas the short needled trees which are commonly shipped in, begin to shed within a day or two after being decorated.

We offer in these pages some of the information we have gathered from our own experience. Although we have a large acreage growing Christmas Trees, we know that **all** we can possibly produce will not fill even a small part of the demand for quality trees. For this reason, we do not hesitate to furnish to anyone any information that we have gathered over a long period of years. The custom of using Christmas Trees started a great many years ago and will undoubtedly continue in both good and bad times.

### Species

The most desirable species to plant for Christmas Trees depends upon several factors. First, and probably most important to be considered, is the quality of the soil; second, is the local demand for a certain species of tree; and third, is the question of economy of production.

★ **PINES** are generally considered to include all the long needled varieties of Christmas Trees. They can be most economically pro-

Scotch Pine



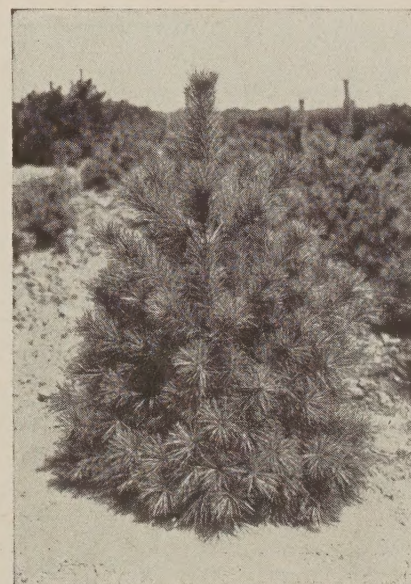
Rapid growing; light gray-green foliage. Will grow in poor soil and under adverse conditions. This species, used extensively for Xmas trees, is also used for windbreaks, etc.

Austrian Pine



Stands out on account of its heavy, bushy form. An excellent tree for windbreaks, screens, and for single specimens. One of the most beautiful Christmas trees.

White Pine



One of the most popular Christmas trees, having all the fine characteristics for this use. Also has a high ornamental value, being light-green to bluish-green in color.



## Norway Spruce



Norway Spruce has short, shiny, dark green needles, thick foliage, and strong branches. It is one of the most widely used as an Ornamental.

## American Red Pine



The American Red Pine is favored for its beautiful deep green color, and long, soft, needles. It is a moderately fast grower, producing heavy branches and straight stems.

## Douglas Fir



A fairly long needle fir, grayish green in color. Highly ornamental. It will do well in open sunlight or partial shade. A popular Christmas tree.

duced of all planted trees. (1) Their hardiness enables them to thrive on hilly, stony or poor land which is unsuited for other agricultural purposes. (2) They flourish in practically all climates. (3) Most varieties will tolerate low moisture content. (4) Their growth is more rapid than that of any other tree used for this purpose, allowing them to be marketed within 5 to 8 years after planting. (5) They require no cultivation.

Although comparatively new on the market, they are becoming more popular each year. Their advantages over wild trees are so outstanding that customers demand them in any markets where they are available.

- (1) All pines hold their needles for several months after being cut.
- (2) If seedlings grown from the best strains of seed are used, beautiful, compact, premium trees are produced.
- (3) Pine trees always present a fresh appearance and pleasant fragrance.
- (4) Due to the heavier branches, this type of tree is especially easy to decorate.

Trees of this type will always command the highest prices.

**Banks, Red, Scotch, Austrian and White Pine** are the species most often planted for Christmas Trees. While they require no cultivation, it has been found that when planted in particularly good soil, they will grow too fast to develop into bushy, symmetrical trees. Under these conditions pruning or shearing is often desirable in order to produce quality trees. This is a simple procedure which is explained later.

★ **SPRUCES** are characterized by short, shiny needles, and, when properly spaced, develop thick foliage and heavy branches. Various types of Spruce have been offered on the Christmas Tree markets for years. These have been wild trees taken from the northern woods, and, in general, are very much inferior to planted trees. Because they grow too close together and do not receive sufficient sunlight, they are often spindly, open and one-sided. However, bushy symmetrical, quality Spruce will always be very much in demand as living and cut Christmas Trees as well as for ornamental use. They will also command premium prices.

**Norway and White Spruce** are the varieties usually preferred for Christmas Tree planting, although **Blue Spruce**, while slower growing, is unsurpassed for beauty.

**Spruce** will grow in all temperature climates. It requires rich moist soil and normal drainage. It can be grown successfully in partial shade or full sunlight. The species are slower growing than the Pines, requiring 7 to 10 years to reach marketable size.

Due to the fact that the needles begin to shed within a few weeks after cutting, **Spruce** cannot be harvested for Christmas Trees too early. It is easily bundled, and does not require pruning, except following seasons of unusual growth. All varieties may be used for Christmas Trees.

★ **FIRS** are short needled and somewhat similar to the Spruces in appearance, although they may be distinguished by their flat needles and upright cones. They prefer moist soil which is kept cool by shading from the sun. **Douglas** and **Balsam** have been used as Christmas Trees for years. **Balsam** is particularly favored for its delightful fragrance. The facts related above as to the handling of Spruce apply to **Firs**, except that **Firs** should be planted in the extreme northern states **only**.

## Plant Several Species

A mixture of species in the same plantation is the most desirable method of planting. With a variety of species to offer, you will undoubtedly make additional sales. Also different species have different rates of growth, making it possible to harvest more crops from the same plantation.

We would suggest a planting of 70% Pines, and 30% Spruces. You may have several varieties of both species, depending on your particular soil and climate conditions. You will find it will pay you well when marketing time comes.

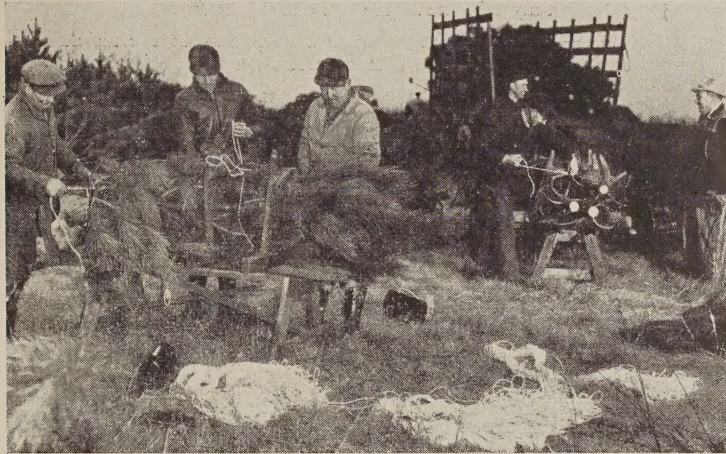
## Preparation of the Planting Site

We recommend no preparation of soil before planting. The added expense is usually not justified, and often a **light** growth of grass and weeds is actually beneficial to the growth of young trees since they offer shade and moisture retention during the early stages of the plantation. If you intend to cultivate your trees after planting it will be necessary to plow the site first.



## Planting

When growing trees are spaced too closely together, they crowd, and the resulting competition speeds up the height growth but tends to make the trees thin and thus poor Christmas Trees. The best shaped trees will be grown by spacing far enough apart that they do not interfere with each other. However, it is economical to speed up the growth somewhat, and it is advisable to utilize all the land. Through years of experimenting we have arrived at an average spacing of 4 to 5 feet for Spruce and 5 to 7 feet for Pines as being best for all Christmas Tree plantings. Planting is done as with any forest trees. Directions appear on page 16 of this Planting List.



Baling Musser Christmas Trees for Car Lot Shipments

## Pruning or Shearing

Pruning or shearing is recommended for all varieties of Pine Christmas Trees. It develops a solid, extra heavy branched and bushy tree. This procedure will produce a premium tree that will command the very highest prices. Pruning is done at about the fourth year, and **before** the new, tender growth starts to get tough and woody. It is usually done between June 1st and July 31st. Pruning is an easy thing to do. One man using long shears can prune at least 50 trees per hour. Trim off about  $\frac{1}{2}$  the new growth made during one season. Later in the season many new buds will form which will produce many more branches the following year. Shape the tree to

### Black Hills Spruce



Highly ornamental Spruce, with rich, dark green foliage. Grows with a dense, even, pyramidal form. Requires good rich soil for proper development.

### PRUNING DIAGRAM TO PRODUCE PREMIUM TREES

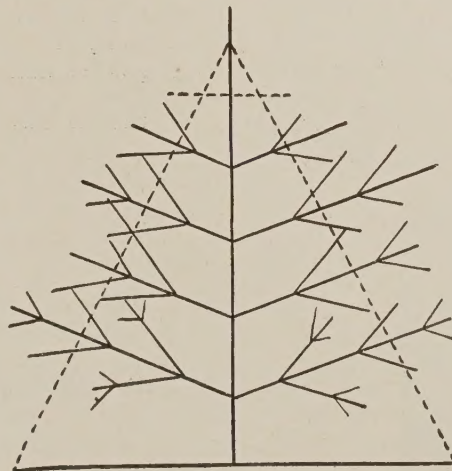


Diagram showing proper method of pruning or shearing for more beautiful Christmas tree. Prune to a cone shape, roughly as indicated by dotted lines. Top should be trimmed shorter than would make a perfect cone, as this main shoot has a tendency to grow much faster than the side branches.

### Blue Spruce



One of the finest of ornamental trees. It is sturdy and compact in form, ranging in color from slightly blue-green to marvelous blue. It thrives in moist rich soil; prefers sunlight.

a symmetrical form as indicated in diagram on this page.

Except for pruning, no care or cultivation is necessary.

## Harvesting

The trees of a Christmas Tree plantation do not all arrive at marketable size the same year. As soon as some are of suitable size they should be cut and marketed. The following year more will be ready. Where much land is available it is a good plan to combine reforestation with the Christmas Tree cutting. Under this system you will plant a new tract each year, and as they become of age to harvest, cut only 50% of the trees leaving the remainder to grow into timber. This 50% may be cut over a period of three or four years, but in that time you will have several tracts to cut over.

## Marketing

Your particular marketing conditions will determine the manner in which you will handle your cutting operations. Some growers merely market their trees on the ground. The customer selects his tree, you cut it and he takes it home. Or you may sell trees on the stump to a dealer who comes in and cuts his trees. If you retail your trees on a lot or sell in small amounts to other dealers, cut trees may be transported loose on a truck or wagon. However, if you intend to ship trees or truck them long distances, they should be baled. This amounts to tying several trees together, and binding the branches down flat on the main stem. This allows many more trees to be loaded in the same space, and tends to protect them from damage and breakage while handling them. Many ingenious devices have been constructed for aiding in tree bailing, but as yet none have been placed on the market. (See illustration at left.)

Marketing a Christmas Tree crop must be done within about four weeks of the year. Conditions vary somewhat throughout the country, but usually you can expect a strong market for your product. You will no doubt have competition from "shipped in" wild trees, but experience has shown that **planted trees sell when others do not**. They also command a much better price throughout. The reason for this is obvious when you compare the quality of the two types of tree.



MUSSER FORESTS, INC.

Indiana, Pennsylvania





# 9 Points for the Land Owner

*Musser  
Trees  
Grow!*

1 — Idle land is wasted Opportunity. Thousands of acres of land in the United States are lying idle, which could be put to work earning money for you by planting them with healthy, selected Musser Tree Stock.



Musser Scotch Pine—7 yrs. old, ready to thin for Christmas Trees

- 2 — After planting, seedling or transplant trees require no cultivation or care. 85% to 95% of planted trees grow to maturity.
- 3 — Reforested land increases in value at the rate of at least \$10 per acre per year. Thirty-year-old pine timber is worth at least \$300 per acre (estimating only 300 trees per acre at \$1 each).
- 4 — Trees can be insured against fire at a nominal rate. See your Local Insurance Agent.
- 5 — Christmas Trees are a profitable by-product of a forest plantation; they are produced by the necessary thinning of the planting. There is an exceedingly rich market for Christmas Trees.
- 6 — \$1000 invested to plant a 50-acre tract will be worth at least \$15,000 for timber in 25 to 30 years, not considering Christmas Tree profits reaped in the meantime.
- 7 — There are no restrictions on the sale of trees or timber grown from Musser Stock.
- 8 — Reforested land is practically tax-free in many states.
- 9 — Land planted with trees and insured against fire is the finest insurance policy for your estate.

Whether you plant one acre, or 1,000 acres, in Trees,

*It Pays to*

## Plant the Best

If planted under the proper conditions, 85% to 95% of Musser Forests Tree Stock will grow to maturity and return an excellent profit on your investment in seedling trees, in labor, and in land.

There are very few investments involving the use of land which are so safe and sure as a tree plantation. It pays in two ways:

(1) The Christmas Tree crop from a given planting will begin to return cash to you within five to seven years. The continuance of the Christmas Tree market is probably as secure as the institution of Christmas itself. The Christmas Tree is a definite part of American life for both child and adult.

(2) The acute lumber shortage definitely shows where the second return comes from your plantation. After thinning your plant-

*Plant Trees Today*  
FOR  
**Tomorrow's Security**

ing for the Christmas Tree market, (which in itself will repay your investment several times over), the remaining trees will be left with room to develop to full maturity. They will grow into much needed timber which will increase in value by at least \$10 per acre per year. Thus a 15-year-old tract should be worth \$150 per acre, and a fully grown 30-year-old planting, \$300 per acre.

We know that these figures are accurate for Musser Cultured Stock, because for the past 25 years we have put out plantations on our own land, and have verified the facts. Cheap planting stock will not give the same returns.

Yes, it pays to PLANT THE BEST



Constant weeding of seedling trees is necessary to permit full development of Musser Tree Stock — a painstaking task, necessarily done entirely by hand.

THE PARK PRESS - INDIANA, PENNSYLVANIA



**Musser Forests, Inc.**  
INDIANA, PENNSYLVANIA

*Thoroughbred*  
**Evergreen Nursery Stock**

Grown from Finest Strains of Seed obtainable

OFFICE: 515 Philadelphia Street — Phone 422

